

**TRANSMITTAL LETTER TO THE UNITED STATES  
 DESIGNATED/ELECTED OFFICE (DO/EO/US)  
 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

**10/540425** see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
 PCT/KR2003/002845

INTERNATIONAL FILING DATE  
 December 26, 2003

PRIORITY DATE CLAIMED  
 December 27, 2002

TITLE OF INVENTION  
 METHOD AND APPARATUS FOR DYNAMIC SEARCH OF VIDEO CONTENTS

APPLICANT(S) FOR DO/EO/US  
 LG Electronics Inc.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☒ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

JC20 Rec'd PCT/PTO 2-4 JUN 2005

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1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICANT <b>10/540426</b>		INTERNATIONAL APPLICATION NO. PCT/KR2003/002845	ATTORNEY'S DOCKET NUMBER 2080-3390-PCT
The following fees have been submitted:		<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) All other situations	\$100 \$200	\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office All other situations	\$100 \$400 \$500	\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
19 - 100 =	0 /50 =	0	x \$250
		\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	19 - 20 =	0	x \$ 50
Independent claims	3 - 3 =	0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		0	+ \$360
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 0.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			
<b>SUBTOTAL =</b>		<b>\$ 0.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
<b>TOTAL NATIONAL FEE =</b>		<b>\$</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 940.00</b>	
		Amount to be refunded:	\$
		Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>940</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502290</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>			
<p>SEND ALL CORRESPONDENCE TO:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>THE LAW FIRM OF</b>  <b>LEE, HONG, DEGERMAN, KANG &amp; SCHMADEKA</b>  <b>A PROFESSIONAL CORPORATION</b>  <b>801 S. FIGUEROA STREET</b>  <b>FOURTEENTH FLOOR</b>  <b>LOS ANGELES, CA 90017</b></p> </div> <div style="width: 45%;"> <p style="text-align: center;"><i>Robert E. Kasady</i></p> <p>SIGNATURE</p> <p style="text-align: center;"><u>Robert E Kasady</u></p> <p>NAME</p> <p style="text-align: center;"><u>50,268</u></p> <p>REGISTRATION NUMBER</p> </div> </div>			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tae Hyoung Kim, Kyoung Ro Yoon and  
Sung Bae Jun

Serial No:

Filed: Herewith  
For: METHOD AND APPARATUS FOR DYNAMIC  
SEARCH OF VIDEO CONTENTS

Art Unit:

Examiner:

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 656509201 US

Date of Deposit: June 24, 2005

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ Transmittal letter to the U.S. designated/elected office
- ☒ Check in amount of \$ 900 as filing fee
- ☒ International application 19 page(s) of specification; 19 claim(s); 1 page(s) of abstract
- ☐ PCT request
- ☒ PCT notice informing the applicant of the communication of the international application to the designated offices
- ☒ 3 sheet(s) of formal drawings (FIGS. 1 - 4)
- ☒ Executed Declaration and Power of Attorney
- ☒ Assignment of the invention to LG Electronics Inc.
- ☒ International Search Report
- ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
- ☐ Amendment Under PCT Article 19
- ☒ Return postcard

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IC20 Rec'd PCT/PTO 24 JUN 2005

☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290.

☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.  
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: June 24, 2005

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Robert E. Kasody  
\_\_\_\_\_  
Name of person mailing papers

  
\_\_\_\_\_  
Signature